REMARKS

Reconsideration of this application, as amended, is respectfully requested.

A. Cross-reference to related applications

The Applicants wish to draw the Examiner's attention to the Applicants' related copending applications and issued patents (see Appendix A) directed to nanoparticles and methods of preparation and use thereof.

B. Status of the claims

Claims 433-437 and 439-446 were pending in this application. New claims 447-494 were added to further clarify the invention. Support for the new claims can be found in the specification, for instance, on page 55, line 8-page 57, line 14; page 106, line 25 to page 108, line 24; and Figure 21. Accordingly, no new matter has been added to this application as a result of this amendment. Claims 433-437, 439-446, and 447-494 are now pending in this application.

C. Double patenting rejection

Claims 433-437 and 439-446 stand provisionally rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 237-265 of copending application no. 09/975,376 and claims 433, 446, and 461-474 of co-pending application no. 09/975,059. A terminal disclaimer is attached. Accordingly, withdrawal of the rejection is in order and is respectfully requested.

D. Rejection under 35 U.S.C. section 102(e) or 103(a) in view of Kossovsky, Kausch, Yguerabide, and Chavany

As a threshold matter, the Federal Circuit has stated that for prior art to anticipate under section 102, every element of the claimed invention must be identically disclosed in a single reference. Corning Glass Works v. Sumitomo Electric, 9 U.S.P.Q.2d 1962, 1965 (Fed. Cir. 1989). The exclusion of a claimed element, no matter how insubstantial or obvious, from a reference is enough to negate anticipation. Connell v. Sears, Roebuck & Co., 220 U.S.P.Q 193, 1098 (Fed. Cir. 1983).

Likewise, the Federal Circuit reiterated the manner in which obviousness rejections are to be reviewed. Where claimed subject matter has been rejected as obvious in view of a combination of prior art references, "a proper analysis under § 103 requires, *inter alia*, consideration of two factors: (1) whether the prior art would have suggested to those of ordinary skill in the art that they should make the claimed composition or device, or carry out the claimed process; and (2) whether the prior art would also have revealed that in so making or carrying out, those of ordinary skill would have a reasonable expectation of success." *In re Vaeck*, 947 F.2d 488, 493, 20 U.S.P.Q.2d 1438, 1485 (Fed. Cir. 1991), citing *In re Dow Chemical Co.*, 837 F.2d 469, 473, 5 U.S.P.Q. 2d 1529, 1531 (Fed. Cir. 1988).

Contrary to the Examiner's position, the Applicants submit that neither Kossovsky, Kausch, Yguerabide, Chavany, nor Coffer teach or suggest what the Applicants have done. Moreover, the Applicants further submit that neither Kossovsky, Kausch, Yguerabide, Chavany, nor Coffer can be applied in rejecting new method claims 447-494.

1. Kossovsky

Claims 433-437 and 439-446 stand rejected under 35 U.S.C. section 102(e) as being anticipated by, or in the alternative, under 35 USC section 103(a) as being obvious over Kossovsky et al. (U.S. Patent no. 5,460,831)("Kossovsky"). The Examiner alleged that Kossovsky teaches or suggests the presently claimed composition, relying on the Abstract, cols. 3 and 4, and Examples 1-13 for support. The Applicants respectfully traverse this rejection.

The Applicant respectfully submit that the Examiner's reliance on Kossovsky is misplaced as none of the cited portions of Kossovsky support the Examiner's allegations. Kossovsky merely relates to targeted transfection nanoparticles. See Abstract. Kossovsky also relates to compositions of various nanoparticle cores and use of the cores as transfection agents (see cols 3 and 4). Kossovsky's Examples further relate to methods of preparing and coating the cores with cellobiose, P5P, or citrate films (Examples 1-8, 11) and cleaning the cores (Examples 9 and 10). Examples 12 -14 further relate to absorbing various transfection agents to the cores. For instance, Kossovsky relates to absorbing purified DNA or RNA fragments of the human deaminase gene to coated cores (Example 12), absorbing sonicated viral particles and phospholipids membranes to coated cores (Example 13), and absorbing a human deaminase gene

expression cassette and LDL membrane proteins to the coated cores. Nowhere in Kossovsky's disclosure does he teach or suggest nanoparticles having "at least two types of oligonucleotides attached thereto, the oligonucleotides being present on a surface of the nanoparticles at a surface density of at least 10 picomoles/cm², wherein at least one type of oligonucleotides comprises recognition oligonucleotides, the recognition oligonucleotides comprising a recognition portion having a sequence complementary to at least one portion of the sequence of a nucleic acid or another oligonucleotide". See claim 433. Accordingly, withdrawal of the section 102(e) and/or 103(a) rejection against the claims based on Kossovsky is in order and is respectfully requested. In addition, the Applicants further submit that Kossovsky does not teach or suggest the claimed detection method of new claims 447-494 and thus this reference cannot be applied to support a rejection of the new claims.

2. Kausch

Claims 433-437 and 439-446 stand rejected under 35 U.S.C. section 102(e) as being anticipated by, or in the alternative, under 35 USC section 103(a) as being obvious over Kausch al. (U.S. Patent no. 5,665,582)("Kausch"). Specifically, the Examiner alleged that Kausch teaches nanoparticle-oligonucleotide conjugates having the presently recited surface density range, relying on the Abstract, Col. 4-10, 17-19, 24 and Examples 1, 2 and 4-8 for support. The Applicants respectfully traverse this rejection.

Contrary to the Examiner's position, Kausch does not support the Examiner's allegations. Kausch merely relates to a method for isolating biological materials. See Abstract. Kausch first anchors the biological material onto a solid support such as a glass slide or coverslip. The anchored biological material is then labeled with a binding composition and magnetic particles. The labeled biological material is then released from the support and the release material is then sorted by a magnetic force. The Examiner's cited passages of the Kausch support the aforementioned method. See abstract and cols. 4-10, particularly col. 6, lines 24-44 and col. 9, lines 44 to col. 10, line 16. Example 1 described isolation and anchoring of mouse DNA onto glass coverslips and use of magnetic particles to sort out the DNA. See col. 28, line 51 to col. 29, line 3. Example 2 also described anchoring chromosomes onto an alginate cushion, followed by detachment of the chromosomes and sorting using magnetic particles. Examples 4 (col. 39 –

use of magnetic particles for sorting), 5 (col. 44 – preparation of magnetic particles), 6 (cols. 44 and 45 – conventional flow cytometry), 7 (cols. 45-50 – anchoring biological material to support, detachment of biological material from support, and sorting by magnetic particles) and 8 (cols. 50-52 – anchoring biological material to support, detachment of biological material from support, and sorting by magnetic particles). Nowhere in Kausch's disclosure does he teach or suggest nanoparticles having "at least two types of oligonucleotides attached thereto, the oligonucleotides being present on a surface of the nanoparticles at a surface density of at least 10 picomoles/cm², wherein at least one type of oligonucleotides comprises recognition oligonucleotides, the recognition oligonucleotides comprising a recognition portion having a sequence complementary to at least one portion of the sequence of a nucleic acid or another oligonucleotide". See claim 433. Accordingly, withdrawal of the section 102(e) and/or 103(a) rejection against the claims based on Kausch is in order and is respectfully requested. In addition, the Applicants further submit that Kausch does not teach or suggest the claimed detection method of new claims 447-494 and thus this reference cannot be applied to support a rejection of the new claims.

3. <u>Yguerabide</u>

Claims 433-437 and 439-446 stand rejected under 35 U.S.C. section 102(e) as being anticipated by, or in the alternative, under 35 USC section 103(a) as being obvious over Yguerabide (U.S. Patent No. 6,214,560)("Yguerabide"). The Applicants respectfully traverse this rejection.

Specifically, the Examiner alleged that Yguerabide taught detection and measurement of one or more analytes in a sample using particles of specific composition and size using light scattering. The discussion is found starting in col. 82, line 35, of Yguerabide. Col. 83 provides further discussion regarding particle size and particle binding to a surface. Cols. 77-80 relate to particles and their preparation. Col. 110 (Example 32) relates to a nucleic acid labeled particle but does not provide or suggest any particle surface density. Furthermore, surface density cannot be calculated since Yguerabide does not provide any DNA concentration. There is no discussion or suggestion anywhere in Yguerabide of a nanoparticle having any recognition and/or diluent oligonucleotides and/or particle surface density. The claims recite limitations that are neither taught, made obvious, or suggested by the cited reference. Thus, the Applicant respectfully

submits that Yguerabide cannot be applied to support section 102(e) and/or section 103(a) rejections of the claims. In addition, the Applicants further submit that Yguerabide does not teach or suggest the claimed detection method of new claims 447-494 and thus this reference cannot be applied to support a rejection of the new claims.

4. <u>Chavany</u>

Claims 433-437, and 439-446 stand rejected under 35 U.S.C. section 102(e) as being anticipated by, or in the alternative, under 35 USC section 103(a) as being obvious over Chavany et al. (Pharmaceutical Research, Vol. 11: pp. 1370-1378)("Chavany"). Specifically, the Examiner alleged that Chavany teaches nanoparticle-oligonucleotide conjugates having the recited surface density, relying on pages 1370-1372, 1375 and 1377 for support. The Applicants respectfully traverse this rejection.

Contrary to the Examiner's position, none of the cited passages in Chavany support the Examiner's position. Chavany merely relates to the preparation of transfection nanoparticles that are resistant to nuclease degradation and that have increased cellular uptake. The transfection nanoparticles are formed by the absorption of oligonucleotides onto the nanoparticles. See Abstract and page 1371 under "Absorption of oligonucleotides to PIHCA nanoparticles". However, Chavany does not describe any nanoparticle size range and thus surface density of oligonucleotides on the nanoparticle surface cannot be readily determined. Nowhere in Chavany's disclosure does she teach or suggest nanoparticles having "at least two types of oligonucleotides attached thereto, the oligonucleotides being present on a surface of the nanoparticles at a surface density of at least 10 picomoles/cm², wherein at least one type of oligonucleotides comprises recognition oligonucleotides, the recognition oligonucleotides comprising a recognition portion having a sequence complementary to at least one portion of the sequence of a nucleic acid or another oligonucleotide". See claim 433. Accordingly, withdrawal of the section 102(e) and/or 103(a) rejection against the claims based on Chavany is in order and is respectfully requested. In addition, the Applicants further submit that Chavany does not teach or suggest the claimed detection method of new claims 447-494 and thus this reference cannot be applied to support a rejection of the new claims.

E. Rejection under 35 U.S.C. section 102(b) in view of Coffer

Claims 433-436, 439-442, and 444-446 stand rejected under 35 U.S.C. section 102(e) as being anticipated by, or in the alternative, under 35 USC section 103(a) as being obvious over Coffer et al. (Nanotechnology, Vol. 3, lines 69-76 (1992))("Coffer"). The Examiner alleged that Coffer teaches a nanoparticle-oligonucleotide conjugate having the presently recited surface density, relying on pages 69-72 and 75 for support. The Applicants respectfully traverse this rejection.

Contrary to the Examiner's position, Coffer does not support the Examiner's allegations. Coffer merely relates to CdS nanocrystallites stabilized by DNA and describes a two-step procedure of first mixing cadium ions with DNA to form a solution and adding sulfide to the solution to make a CdS cluster. See page 70-71. The DNA merely serves as a template for the formation and stabilization of CdS clusters. See page 71. While Coffer does mention the DNA concentration used in the solution for generating the CdS clusters, Coffer is completely silent with respect to the specific surface density of DNA at the surface of any nanoparticles. Indeed, nowhere in Coffer's disclosure does he teach or suggest nanoparticles having "at least two types of oligonucleotides attached thereto, the oligonucleotides being present on a surface of the nanoparticles at a surface density of at least 10 picomoles/cm2, wherein at least one type of oligonucleotides comprises recognition oligonucleotides, the recognition oligonucleotides comprising a recognition portion having a sequence complementary to at least one portion of the sequence of a nucleic acid or another oligonucleotide". See claim 433. Accordingly, withdrawal of the section 102(e) and/or 103(a) rejection against the claims based on Coffer is in order and is respectfully requested. In addition, the Applicants further submit that Coffer does not teach or suggest the claimed detection method of new claims 447-494 and thus this reference cannot be applied to support a rejection of the new claims.

F. Conclusion

In conclusion, the Applicants respectfully submit that the claims in this application are in allowable condition and request a Notice to this effect.

Reconsideration of this application is respectfully requested and a favorable determination is earnestly solicited. The Examiner is invited to contact the undersigned representative if the Examiner believes that this would be helpful in expediting the prosecution of this application.

 $_{ ext{Dated:}}$ ${\cal O}$

Oct. 29, 2004

Respectfully submitted,

Emily Mao

Reg. No. 35,285

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Chicago, IL 60606

Telephone: 312-913-0001 Facsimile: 312-913-0002

APPENDIX A

ATTY	Serial No./		
Case No.	Filing Date	Inventors/Title	Status
00-653-G	U.S. 10/794,741 Filed 3/5/04	Mirkin, Letsinger, Mucic, Storhoff, Elghanian, Taton, Garamella, Li, Park/ NANOPARTICLES HAVING OLIGONUCLEOTI DES ATTACHED THERETO AND USES THEREFORE	PENDING
00-713-B1	09/923,625 Filed 8/7/01	Mirkin, Letsinger, Mucic, Storhoff, Elghanian/ NANOPARTICLES HAVING OLIGONUCLEOTI DES ATTACHED THERETO AND USES THEREFOR	U.S. Patent no. 6,773,884, issued 8/10/04
00-713-С	09/344,667, filed 6/25/99	Mirkin, Letsinger, Mucic, Storhoff, Elghanian/ NANOPARTICLES HAVING OLIGONUCLEOTI DES ATTACHED THERETO AND USES THEREFORE	U.S. Patent No. 6,361,944, issued 3/26/02
00-713-I	U.S.S.N 09/603,830 Filed 6/26/00	Mirkin, Letsinger, Mucic, Storhoff, Elghanian, Taton; NANOPARTICLES HAVING OLIGONUCLEOTI DES ATTACHED THERETO AND USES THEREFOR	U.S. Patent No. 6,506,564, issued 1/14/03
00-713-I-1	09/961,949 9/20/01	Mirkin, Letsinger, Mucic, Storhoff, Elghanian, Taton;	U.S. Patent No. 6,582,921, issued June 24, 2003

ATTY	Serial No./		
Case No.	Filing Date	Inventors/Title	Status
		NANOPARTICLES	
		HAVING	
		OLIGONUCLEOTI	
		DES ATTACHED	
		THERETO AND	
		USES THEREFOR	
00-713-I-2	09/957,318	See 00-713-I-1	U.S. Patent No.
	9/20/01		6,759,199, issued
	-		7/6/04
00-713-I-3	09/957,313	See 00-713-I-1	U.S. Patent No.
	9/20/01		6,645,721, issued
			11/11/03
00-713-I-4	09/966,491	See 00-713-I-1	U.S. Patent No.
	9/28/01		6,610,491, issued
			August 26, 2003
00-713-I-5	09/966,312	See 00-713-I-1	U.S. Patent No.
	9/28/01		6,673,548, issued
			January 6, 2004
00-713-I-6	09/967,409	See 00-713-I-1	U.S. Patent No.
	9/28/01		6,740,491, issued
			May 24, 2004
00-713-I-7	09/974,500	See 00-713-I-1	U.S. Patent No.
	10/10/01		6,709,825, issued
			March 23, 2004
00-713-I-8	09/974,007	See 00-713-I-1	PENDING
00 /15 1 0	10/10/01		
00-713-I-9	09/973,638	See 00-713-I-1	ALLOWED
	10/10/01		
00-713-I-	09/973,788	See 00-713-I-1	U.S. Patent No.
10	10/10/01		6,720,411, issued
			April 13, 2004
00-713-I-	09/975,062	See 00-713-I-1	U.S. Patent No.
11	10/11/01		6,677,122, issued
			January 13, 2004
00-713-I-	09/975,376	See 00-713-I-1	PENDING
12	10/11/01		
12	10/11/01		
00-713-I-	09/975,384	See 00-713-I-1	PENDING
13	10/11/01		
_13	10/11/01		

ATTY Case No.	Serial No./ Filing Date	Inventors/Title	Status
00-713-I- 14	09/975,498 10/11/01	See 00-713-I-1	ALLOWED
00-713-I- 15	09/975,059 11/11/01	See 00-713-I-1	ALLOWED
00-713-I- 16	09/976,601 10/12/01	See 00-713-I-1	ALLOWED
00-713-I- 17	09/976,968 10/12/01	See 00-713-I-1	ALLOWED
00-713-I- 18	09/976,971 10/12/01	See 00-713-I-1	U.S. Patent No. 6,682,895, issued 1/27/04
00-713-I- 19	09/976,863 10/12/01	See 00-713-I-1	PENDING
00-713-I- 20	09/976,577 10/12/01	See 00-713-I-1	U.S. Patent No. 6,720,147, issued April 13, 2004
00-713-I- 21	09/976,618 10/12/01	See 00-713-I-1	U.S. Patent no. 6,812,334, issued Nov. 2, 2004
00-713-I- 22	09/981,344 10/15/01	See 00-713-I-1	U.S. Patent No. 6,777,186, issued August 17, 2004
00-713-I- 23	09/976,900 10/12/01	See 00-713-I-1	ALLOWED
00-713-I- 24	09/976,617 10/12/01	See 00-713-I-1	U.S. Patent No. 6,730,269, filed May 4, 2004
00-713-I- 25	09/976,378 10/12/01	See 00-713-I-1	PENDING
00-713-i- 26	10/410,324 04/10/03	See 00-713-I-1	PENDING
00-713-L	U.S.S.N. 09/693,005	Mirkin, Letsinger, Mucic, Storhoff,	U.S. Patent No. 6,495,324, issued

ATTY	Serial No./	Inventors/Title	Status
Case No.	Filing Date		12/17/02
	Filed 10/20/00	Elghanian/ NANOPARTICLES	12/17/02
		1	
		HAVING	
		OLIGONUCLEOTI	
		DES ATTACHED	
		THERETO AND	
		USES THEREFORE	U.S. Patent No.
00-713-M	U.S.S.N.	Mirkin, Letsinger,	
00 /10 1/2	09/693,352	Mucic, Storhoff,	6,417,340, issued
	Filed 10/20/00	Elghanian/	7/9/02
	1 1100 101	NANOPARTICLES	
		HAVING	
		OLIGONUCLEOTI	
		DES ATTACHED	
		THERETO AND	
		USES THEREFORE	
	TI C 00/930 630	Mirkin, Nguyen/	PENDING
00-714-G	U.S. 09/830,620	NANOPARTICLES	
	Filed 8/15/01	WITH POLYMER	
		SHELLS	
	200/7/00/500	Mirkin, Letsinger,	U.S. Patent No.
00-715-A	U.S. 09/760,500		6,767,702, issued
	Filed 1/12/01	Mucic, Storhoff,	July 27, 2004
l		Elghanian, Taton;	July 27, 2001
l		Garamella, Li/	
į .		METHOD OF	
1		ATTACHING	İ
		OLIGONUCLEOTI	
		DES TO	
		NANOPARTICLES	
1		AND PRODUCTS	
1		PRODUCED	
}		THEREBY	<u> </u>
00-715-B	U.S. 10/716,829	Mirkin, Letsinger,	Pending
00-715-1	Filed 11/18/03	Mucic, Storhoff,	
1	11100 227 237	Elghanian, Taton;	
1		Garamella, Li/	
		METHOD OF	
		ATTACHING	
		OLIGONUCLEOTI	
		DES TO	
		NANOPARTICLES	
		AND PRODUCTS	
		PRODUCED	
1		THEREBY	

ATTY	Serial No./		
Case No.	Filing Date	Inventors/Title	Status
00-1085-A	U.S.S.N.	Mirkin,Letsinger,	U.S. Patent No.
	09/820,279	etc./ METHOD AND	6,750,016, issued
	Filed 3/28/01	MATERIALS FOR	June 15, 2004
		ASSAYING	
		BIOLOGICAL	
		MATERIALS	
00-1085-G	U.S.S.N.	Mirkin, Letsinger,	Pending
	10/640,618	etc./ METHOD AND	
	Filed 8/13/03	MATERIALS FOR	
		ASSAYING	
		BIOLOGICAL	
		MATERIALS	TIG D (1)
00-1086-A	U.S. 09/903,461	Letsinger, Garimella/	U.S. Patent No.
	Filed 7/11/01	METHOD OF	6,602,669,
		DETECTION BY	Filed 8/5/03
		ENHANCEMENT	
		OF SILVER	
		STAINING	ALLOWED
00-1272-С	U.S.S.N.	Mirkin, Letsinger,	ALLOWED
	10/008,978	Mucic, Storhoff,	
	Filed 12/7/01	Elghanian, Taton,	
		Garimella, Li, Park,	
		Lu/	
Ì		NANOPARTICLES	
		HAVING OLIGONUCLEOTI	
		DES ATTACHED	
		THERETO AND	
		USES THEREOF	
01.5(5.4	USSN 10/125,194	Mirkin, Nguygen,	PENDING
01-565-A	Filed 4/18/02	Watson, Park/	T BI (DII (O
	Filed 4/16/02	OLIGONUCLEOTI	
		DE-MODIFIED	
	}	ROMP POLYMERS	
		AND CO-	
		POLYMERS	
01-599-A	U.S.S.N.	Storhoff/NOVEL	PENDING
	10/291,291	THIOL-BASED	
	Filed 11/08/02	METHOD FOR	
		ATTACHING	
		OLIGONUCLEOTI	
		DES TO	
		NANOPARTICLES	
01-661-A	U.S.S.N.	Mirkin, Cao, Jin/	PENDING

ATTY	Serial No./	T /T241 a	Status
Case No.	Filing Date	Inventors/Title	Status
	10/034,451	DNA-MODIFIED	
	Filed 12/28/01	CORE-SHELL	
l.		AG/AU	
		NANOCRYSTALS	PENDAIC
01-661-C	U.S.S.N.	WillKill, Cuo, viiz	PENDING
	10/153,483	DNA-MODIFIED	
	Filed 5/22/02	CORE-SHELL	
		AG/AU	
		NANOCRYSTALS	
01-661-E	U.S.S.N.	Mirkin, Cao, Jin/	PENDING
01-001 E	10/397,579	DNA-MODIFIED	
	3/26/03	CORE-SHELL	
	3/20/03	AG/AU	
		NANOCRYSTALS	
01 15(5 A	U.S.S.N.	Park, Taton,	PENDING
01-1565-A	10/266,983	Mirkin/ARRAY-	
	Filed 10/08/02	BASED	
	Filed 10/06/02	ELECTRICAL	
		DETECTION OF	
		DNA USING	
		NANOPARTICLE	
		1	
		PROBES	PENDING
01-1633-A		Park, Taton, Mirkin/NANOPARI	TENDING
i	10/266,983		
	Filed 10/8/02	CLES HAVING	
		OLIGONUCLEOTI	
		DES ATTACHED	
		THERETO AND	
		USES THEREFOR	PENDRIC
01-1705-A	U.S.S.N.	Nam, Park,	PENDING
	10/108,211	Mirkin/BIO-	
	Filed 3/27/02	BARCODES	
		BASED ON	
		OLIGONUCLEOTI	
		DE-MODIFIED	
		NANOPARTICLES	
02-338-B	USSN 10/172,428	Cao, Jin, Nam,	PENDING
02 330 D	Filed 6/14/02	Mirkin/MULTICHA	
1		NNEL DETECTION	
		USING	
		NANOPARTICLE	
		PROBES WITH	
		RAMAN	
	1	SPECTROSCOPIC	

ATTY	Serial No./		1 age
Case No.	Filing Date	Inventors/Title	Status
		FINGERPRINTS	
02-338-C	10/431,341	Cao, Jin, Nam,	PENDING
	5/7/03	Mirkin/MULTICHA	
		NNEL DETECTION	
		USING	
		NANOPARTICLE	
		PROBES WITH	
		RAMAN	
		SPECTROSCOPIC	
		FINGERPRINTS	
02-1227-A	10/735,357	DIRECT SNP	PENDING
	Filed 12/12/03	DETECTION WITH	
		UNAMPLIFIED	
		NUCLEIC ACID	
		USING	
		NANOPARTICLE	
		PROBES	
03-214-A	10/789,831	LABEL-FREE	PENDING
	Filed 2/27/04	GENE	
		EXPRESSION	
		PROFILING WITH	
		UNIVERSAL	
		NANOPARTICLE	
		PROBES IN	
		MICROARRAY	
		ASSAY FORMAT	
03-466-C	10/854,848	METHOD FOR	PENDING
	Filed 5/27/04	DETECTING	
		ANALYTES	
		BASED ON	
		EVANESCENT	
		ILLUMINATION	
	:	AND SCATTER-	
		BASED	
		DETECTION OF	
		NANOPARTICLE	
		PROBE	
02 666 E	10/977 750	COMPLEXES	DENIDING
03-666-E	10/877,750 Filed 6/25/04	BIOBARCODE	PENDING
	Filed 6/25/04		